

WIDEX CLEAR™ 220

STAY IN SYNC WITH LIFE



WIDEX
HIGH DEFINITION HEARING

NATURE HAS GIVEN US **TWO EARS** DESIGNED TO **WORK TOGETHER**



WIDEX CLEAR™220 – represents the very best value for money
and most advanced technology in this segment.

Reproducing the natural sounds of everyday life is a complicated business.
Widex has developed the technology to do this – building on its reputation for providing
natural and comfortable sound reproduction. CLEAR220 reproduces complex, life-like sounds
and delivers them instantaneously and naturally, allowing users to stay in sync with life.

NATURAL SOUND

The CLEAR™220 series delivers natural sound through the use of groundbreaking Widex technology.
This includes Audibility Extender, ClearBand, Reverse Focus, SmartSpeak
and synchronised control of volume and program selections.

WIRELESS FITTING

Making fitting easy and convenient has always been part of the Widex commitment
to hearing professionals. CLEAR220 is one of the few hearing aids on the market with completely
wireless fitting – meaning no tangled cables – making it quicker and easier than ever.

DEX ASSISTIVE LISTENING DEVICES

Personalise your experience

WIDEX CLEAR220 comes with our unique DEX™ assistive listening devices, designed for complete wireless communication now and in the future.

M-DEX – a user friendly and stylish unit for mobile phone applications with caller ID. The integrated microphone makes it possible to use it as a hand-held, remote talk-and-listen device utilising the hearing aids as wireless headsets.

TV-DEX – palm-sized, easy-to-use and designed for enjoying TV and audio systems. The WidexLink transmission provides up to 10 hours of uninterrupted, top quality TV or stereo sound between recharges and no audio delay.

RC-DEX – a stylish, compact and user-friendly hearing aid remote control. It offers three intuitive buttons for volume control and program selection.



	Features	Range	Battery
M-DEX	Direct wireless connection to mobile phone via Bluetooth, advanced hearing aid remote control with colour display and caller ID, integrated telecoil, Room Off feature	30 cm (mouth to M-DEX microphone), up to 1 m (M-DEX to hearing aid), 10 m (M-DEX to mobile phone)	Approximately 5 hours constant use, recharges like a mobile phone using a wall plug
RC-DEX	Program toggle, volume control, key ring attachment	1 m (remote control to hearing aid)	12 months battery life, replaceable by user
TV-DEX	High quality audio, ultra-low delay & EchoFree, inputs for both TV & audio systems	1 m (TV-Controller to hearing aid), 10 m (TV-Base to TV-Controller)	10 hours, rechargeable in the TV-Base

COLOURS & MODELS

CLEAR220 comes in a range of models and colours to match individual needs



C2-PA



C2-FS



C2-m/C2-m-CB



C2-9

Standard colours

	Front colour	Back colour	Available	Back colour	Available	Back colour	Available	Available
Warm beige (021)			•		•		•	•
Tan silk (081)			•		•		•	•
Cappuccino brown (071)			•		•		•	•
Midnight black (074)			•		•		•	•
Titan grey (073)			•		•		•	•
Winter silver (072)			•		•		•	•

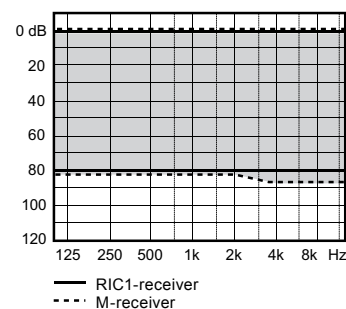
Additional colours

Summer gold (069)			•		•	n.a.	n.a.
Copper brown (070)			•		•	n.a.	n.a.
Pearl white (068)			•		•	n.a.	n.a.
Metallic blue (090)			•		•	n.a.	n.a.
Shocking pink (077)			•		•	n.a.	n.a.
Lime green (075)			•		•	n.a.	n.a.
Sporty red (076)			•		•	n.a.	n.a.
Mediterranean turquoise (078)			•		•	n.a.	n.a.



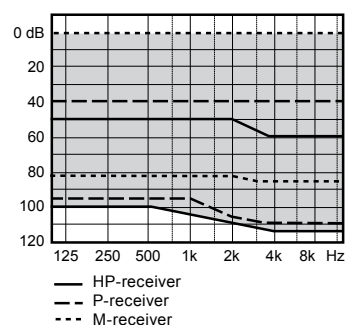
CLEAR220 C2-PA

- Receiver-in-Canal (RIC) model
- For minimal to moderately severe hearing loss
- Extremely discreet, elegant and ultra small hearing aid with great flexibility through a range of different receivers
- Integrates aesthetics and performance in one compact unit
- 10 battery



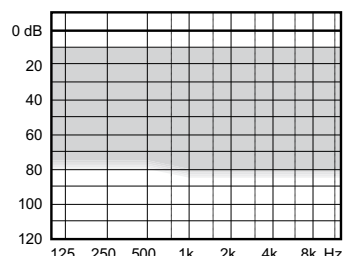
CLEAR220 C2-FS

- Receiver-in-Canal (RIC)/Receiver-in-the-Ear (RITE) model
- For minimal to profound hearing loss
- Discreet and elegant design with great flexibility through a range of different receivers and ear-tip/custom earmould options
- 312 battery



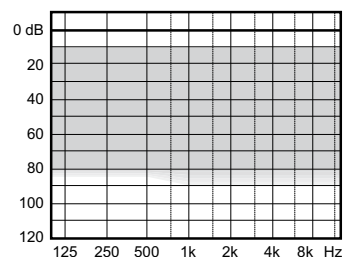
CLEAR220 C2-m / CLEAR220 C2-m-CB

- Micro Behind-the-Ear (BTE) model
- For minimal to moderately severe hearing loss
- Superb sound quality across the frequency range
- 10 battery



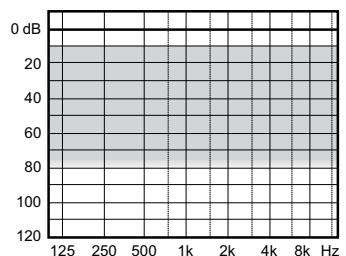
CLEAR220 C2-9

- Behind-the-Ear (BTE) model
- For minimal to severe hearing loss
- Delivers sound through instant ear-tips plus custom earmoulds
- 13 battery



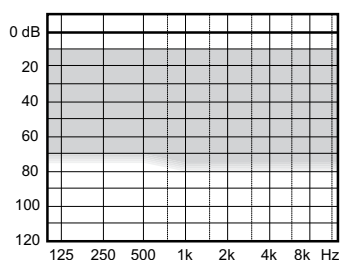
CLEAR220 C2-XP

- In-the-Ear (ITE) model
- For minimal to moderately severe hearing loss
- Fits discreetly in the ear or ear canal
- 312 battery



CLEAR220 C2-CIC / CLEAR220 C2-CIC-TR

- Completely-in-the-Canal (CIC) model
- For minimal to moderately severe hearing loss
- Virtually invisible in the ear canal
- 10 battery

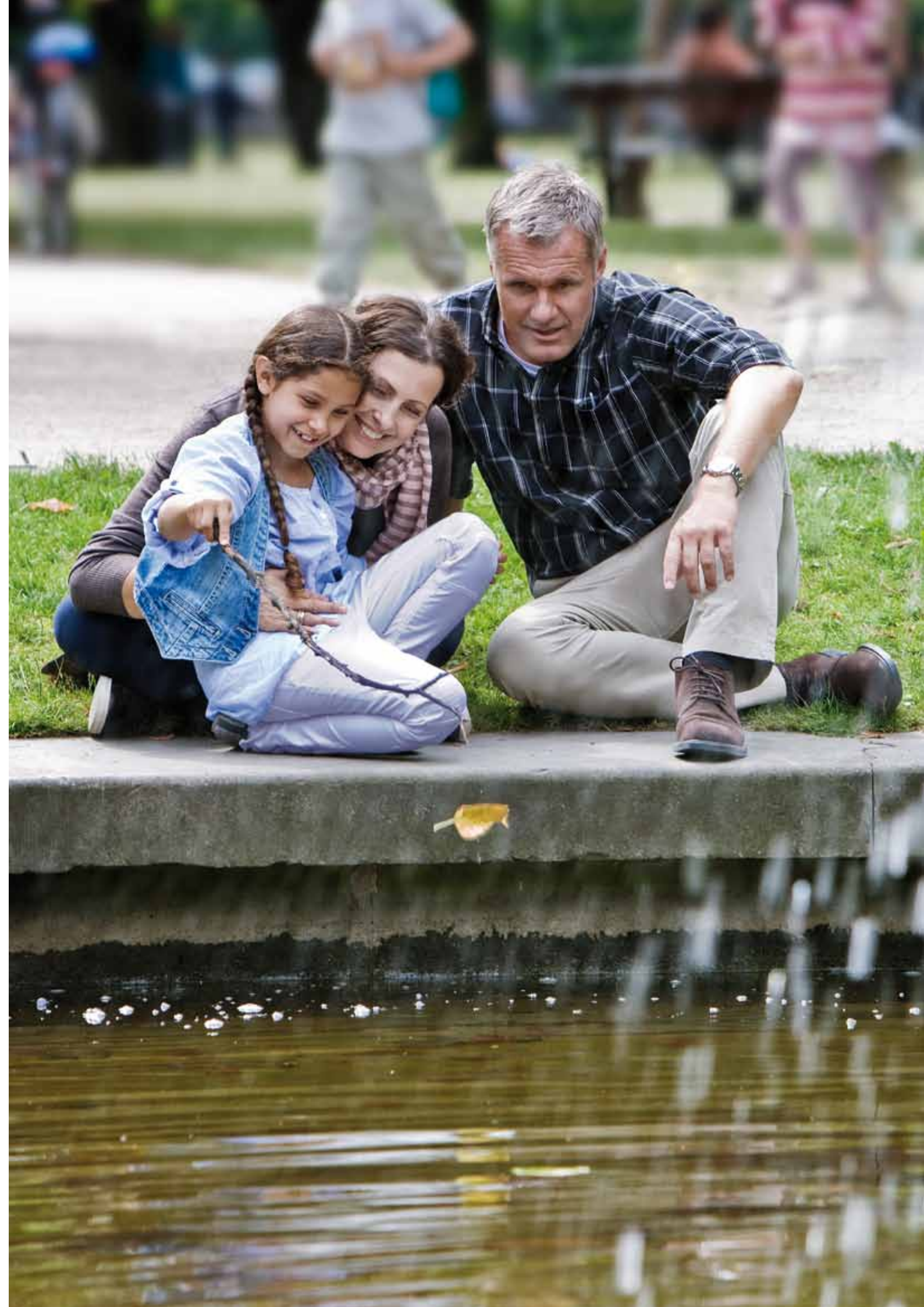


MODELS & FEATURES

		C2-PA	C2-FS	C2-m	C2-m-CB	C2-9	C2-XP	C2-CIC/ CIC-TR
System platform								
C-ISP platform		•	•	•	•	•	•	•
WidexLink		•	•	•	•	•	•	•
InterEar (IE)	Feature coordination	•	•	•	•	•	•	•
	System synchronisation	•	•	•	•	•	•	•
EcoTech III		•	•	•	•	•	•	•
Bands/Channels								
5 analysis bands		•	•	•	•	•	•	•
5 processing channels		•	•	•	•	•	•	•
Signal processing								
Compression	EDRC	•	•	•	•	•	•	•
	TruSound Compression	•	•	•	•	•	•	•
Adaptive directionality	HD Locator	•	•	•	•	•	•	-
Noise reduction	Noise reduction with SIS	•	•	•	•	•	•	•
Feedback Cancelling	IE Feedback Cancelling	•	•	•	•	•	•	•
Frequency transposition	Audibility Extender	•	•	•	•	•	•	•
Enhanced sound quality	ClearBand	-	-	-	•	-	-	-
	70 Hz - 11.2 kHz *	•	•	•	•	•	•	•
User feedback and control								
Acoustic indicators	SmartSpeak	•	•	•	•	•	•	•
	SmartTone	•	•	•	•	•	•	•
	Battery alarm	•	•	•	•	•	•	•
LED		•	•	•	•	-	-	-
IE volume control		RC-/M-DEX	RC-/M-DEX	RC-/M-DEX	RC-/M-DEX	•/RC-/M-DEX	RC-/M-DEX	RC-/M-DEX
IE program shift		RC-/M-DEX	•/RC-/M-DEX	RC-/M-DEX	RC-/M-DEX	•/RC-/M-DEX	RC-/M-DEX	RC-/M-DEX
Selected inputs								
IE Zen **		•	•	•	•	•	•	•
IE Zen timer **		•	•	•	•	•	•	•
Audio transmission								
WidexLink audio transmission		•	•	•	•	•	•	•
Telecoil		-	•	-	-	•	•	-
DAI		-	-	-	-	•	-	-
Listening programs								
Acoustic program options		3 & Zen+ with RC-/M-DEX accessory	3 & Zen+ with RC-/M-DEX accessory	3 & Zen+ with RC-/M-DEX accessory	3 & Zen+ with RC-/M-DEX accessory	3 & Zen+ with RC-/M-DEX accessory	3 & Zen+ with RC-/M-DEX accessory	3 & Zen+ with RC-/M-DEX accessory
Accessories								
RC-DEX, TV-DEX AND M-DEX		•	•	•	•	•	•	•
SCOLA		-	-	-	-	•	-	-

* Frequency range is model dependent

** Optional





WIRELESS FUNCTIONALITY

WidexLink gives instant connectivity

The exclusive and innovative WidexLink is a wireless, high-speed audio and data transmission technology that allows instant, ongoing communication between hearing aids and direct connection to external audio devices.

WidexLink is the first wireless technology link designed exclusively for hearing aids.

Complete connectivity

In addition to inter-hearing aid communication, WidexLink solves a number of other challenges that have limited the efficiency of hearing aids and accessories - until now.

Transmitting from external sources: WidexLink provides high-speed, direct transmission to external devices such as remote controls, direct TV and mobile phone links

Longer battery life: It ensures optimal battery efficiency with improved coding algorithms and unique radio receiver technology.



NATURAL SOUND

Audibility Extender

The well proven Widex Audibility Extender (AE) improves the perception and production of important speech sounds – specifically high frequency sounds.

The detail in speech and environmental sounds are important factors not just for exceptional sound and comfortable listening, but language perception as well. But high-pitched sounds like birdsong, music and high frequency consonants are often lost as

a result of hearing loss. AE automatically transposes such sounds into the user's hearing range giving a fuller sound with more detail.

ClearBand

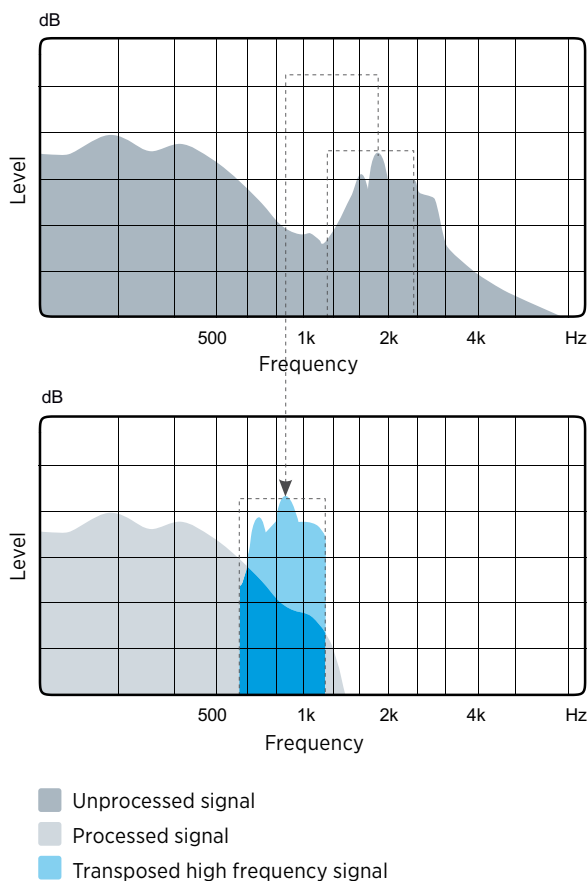
Widex ClearBand is now available in CLEAR220.

The ClearBand hi-fi two-way receiver incorporates two separate membranes in one small unit. This new technology provides users with a broader range of sounds that are exceptionally clear and natural.

IE Zen

– for natural relaxation

Our popular Zen harmonic sound program has been enhanced. Sound generation is distributed between the hearing aids (InterEar) with some instruments playing in one ear and different instruments in the other - a form of Zen synchronised stereo sound.



Audibility Extender

When the Audibility Extender is active, it searches out the most significant high frequency signal and moves it into the audible lower frequency region using linear transposition. Thereby the harmonic content of the sound signal is preserved.



FREEDOM OF CHOICE

Reverse Focus

Widex Reverse Focus is a program where the adaptive locator goes into reverse pointing the directional microphones backwards. This allows users to control the listening direction – enabling them to hear those behind them.

Synchronisation

The IE Volume Control and Program Shift gives instant synchronisation and keeps a pair of CLEAR220s in sync. A changed volume level in one aid is replicated in the second, as is program selection.

SmartSpeak

Widex SmartSpeak takes the guesswork out of controlling the hearing aid. SmartSpeak uses actual recorded speech to tell users about the CLEAR220's functions. For example, when a battery is running low, SmartSpeak will warn the user. When switching to another program, SmartSpeak will say exactly which program has been chosen.

These clear, simple to hear verbal messages come in a wide variety of languages.

WIRELESS FITTING

Professional and precise

Widex fitting tools have always supported audiologists in performing close to optimal fittings. But professional fitting is also about having the right tools to meet the fine-tuning needs of the user.

CLEAR220 extends Widex' renowned excellence in precision fitting by utilising completely wireless electronics. WidexLink technology means no more cables and connectors and an assured fit from the outset. It is convenient, easy and intuitive to use, giving you more time to focus on attaining the best possible fit for the user.

Widex has adapted the industry standards (nEAR-com and NOAHlink) to provide the ultimate security in wireless fitting situations. And if NOAHlink is not used, flexibility is increased with the option of a Widex USB Link.

There has never been an easier way to fit a hearing aid.



IT IS OUR MISSION, THROUGH
ORIGINALITY, PERSEVERANCE AND RELIABILITY,
TO DEVELOP **HIGH QUALITY HEARING AIDS**
THAT GIVE PEOPLE WITH A HEARING LOSS THE SAME
OPPORTUNITIES FOR COMMUNICATION AS THOSE
WITH NORMAL HEARING

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